What Is Claimed Is:

1. An element for use in a motor vehicle, comprising:

an anti-adhesive surface coating acting as a protective layer.

2. The element according to Claim 1, wherein the element is a sensor element.

3. The element according to Claim 1, wherein the element is an actuator element.

4. The element according to Claim 1, wherein the coating is temperature-stable up to at least 200°C.

5. The element according to Claim 1, wherein the coating has a surface energy of 5 to 50 mN/m.

6. The element according to Claim 1, wherein the coating reduces an accumulation, on a surface of the element, of at least one of: dirty water, mineral oil, spray water, silicon oil, soot, salts, hydrocarbons, and dust particles.

7. The element according to Claim 1, wherein the coating contains at least one compound selected from the group consisting of fluorinated polymers, fluorormocers, of the fluorine-containing silanes, of the polymeric fluorocarbon resins, and of partially fluorinated polymers.

8. The element according to Claim 1, wherein the coating is one of a fluorine-containing polymer film and a fluorosilane coating.

9. The element according to Claim 1, wherein the coating has a thickness of about 10 nm to 10 μm.

10. The element according to Claim 1, wherein the coating decomposes, without leaving residues, at temperatures above 300°C.

~~11. The element according to Claim 1, wherein~~ the element is composed of at ~~least one of~~ silicon, silicon nitride, silicon dioxide, glass, metal, a polymer ~~and a ceramic~~.

~~12. The element according to Claim 2, wherein the sensor element is integrated~~ in a hot-film air-mass meter.

~~13. The element according to Claim 2, wherein~~ the sensor element is integrated ~~in one~~ of a humidity sensor, a climatic sensor, an air quality sensor, ~~a temperature sensor~~ and an airbag sensor.

14. The element according to Claim 1, wherein the coating is applied to inner walls of components.

~~15. The element according to Claim 1, wherein~~ the coating is applied to inner walls of ~~one of~~: gas-supply channels and air-supply channels.

16. The element according to Claim 1, wherein the coating is applied to inner walls of housing groups, surrounding the element.

~~17. The element according to Claim 1, wherein~~ the coating is firmly adhering and passes a cross ~~hatch~~ test.